



IE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Atsushi HAYAMI et al.

CUSTOMER NO. 021395

Serial No. 10/005,247

Art Unit: 2613

Filed: December 7, 2001

Examiner:

For: MODULATION SYSTEM

Atty Docket: 010

SUPPLEMENTAL INFORMATION DISCLOSURE STATE

Assistant Commissioner for Patents Washington, D.C. 20231

RECEIVED

AUG 2 8 2002

Sir:

Technology Center 2600

For insuring compliance with the applicants' duty of disclosure under 37 CFR § 1.56, the undersigned hereby submits the documents listed on the attached Form PTO-1449 for consideration by the Examiner in charge of the above-identified patent application.

These documents are being submitted (check only one of the next four boxes):

within three months of the filing of the above U.S. national application or of the date of entry of the U.S. national stage in an International Patent Application (no fee is due);

[XX]

before receiving a first Office Action on the merits of the aboveidentified patent application (no fee is due);

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following receipt of a first Office Action, but before issuance of a Final Office Action or a Notice of Allowance (if this box is checked, one of the last three boxes also must be checked);

- following receipt of a Notice of Allowance or a Final Office Action (if this box is checked, the next box and one of the last three boxes also must be checked).
 - PETITION The undersigned hereby requests consideration of this information after mailing the Final Office Action or Notice of Allowance by filing this Petition under 37 CFR § 1.97(d)(2)(ii) and attaching Check No. in the amount of \$130.00 as the petition fee set forth in 37 CFR § 1.17(i)(1).
- [] Check No. in the amount of \$180.00 is attached in payment of the fee set forth in 37 CFR § 1.17(p).
- [XX] The undersigned certifies that each item of this information is being submitted within three months of the date it was cited by European Patent Office in a counterpart application.
- The undersigned certifies that, after making reasonable inquiry, he/she has no knowledge that any item of this information was cited by a foreign patent office in a counterpart application or was known more than three months prior to this submission.

The Commissioner is hereby authorized to charge payment of any deficiency in the above fee(s) or to charge any additional fees required under 37 CFR § 1.16 or 1.17 or credit any overpayment to Deposit Account No. 50-0501. A duplicate copy of this authorization is attached for the Finance Branch.

Respectfully submitted,

Louis Woo, Reg. No. 31,730

Law Offices of Louis Woo

1901 N. Fort Myer Drive, Suite 501

Arlington, Virginia 22209

Phone: (703) 522-8872

Date: Nug 26 2002

FORM HDP-1449(Bassed on Form PTO-1449)	ATTORNEY DOCKET NO.	SERIAL NO.		
PATENT AND TRADEMARK OFFICE	0102/0190	110/005,247		
S 2 6 2002 (Use several sheets if necessary)	Atsushi H	Atsushi HAYAMI et al.		
Sheet 1 of 1	FILING DATE	GROUP		
TRADEMANDE	December 7, 2001	2613		

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	U.S.PATENT DOCUMENTS							
Ref.	Examiner's	Document			Class/	(If appr	opriate)	
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FOREIGN PATENT DOCUMENTS							
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Desig,	Initials	Number	Date	Country	Subclass	Yes	No
		WO 0057416	09/28/00	PCT			
		EP 0991195	04/05/00	EPC			

		OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)
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EXAMINER:		Date Considered: